



UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/005,085	12/04/2001	Anthony C. Mulligan	03248.00045

**CONFIRMATION NO. 8564**

## FORMALITIES LETTER



\*OC000000007357704\*

Date Mailed: 01/24/2002

# NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

**FILED UNDER 37 CFR 1.53(b)**

**Filing Date Granted**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 65.**

*A copy of this notice MUST be returned with the reply.*

*H. S. Ma3 Subito*  
Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

02/25/2002 HNDOR1 00000047 190733 10005085  
CL 50005 65.00 CH

Please type a plus sign (+) inside this box → ☐

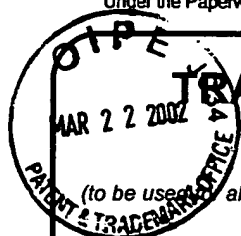
PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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#3



# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number		10/005,085
Filing Date		December 4, 2001
First Named Inventor		Mulligan
Group Art Unit		1732
Examiner Name		Unassigned
Total Number of Pages in This Submission	Attorney Docket Number 003248.00045	

## ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <b>Declaration and Power of Attorney</b> <b>Substitute ADS</b> <b>Certificate of Express Mail</b> <b>Return Postcard</b>				
<table border="1"><tr><td>Remarks</td><td>The Commissioner is authorized to charge any fees in connection with this correspondence to Deposit Account No. 19-0733. A duplicate of this sheet is enclosed.</td></tr><tr><td colspan="2">Express Mail No. EV 028366046 US</td></tr></table>			Remarks	The Commissioner is authorized to charge any fees in connection with this correspondence to Deposit Account No. 19-0733. A duplicate of this sheet is enclosed.	Express Mail No. EV 028366046 US	
Remarks	The Commissioner is authorized to charge any fees in connection with this correspondence to Deposit Account No. 19-0733. A duplicate of this sheet is enclosed.					
Express Mail No. EV 028366046 US						

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Julie B. Ackerman Banner & Witcoff, Ltd.
Signature	
Date	March 22, 2002

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: <input type="text"/>			
Typed or printed name			
Signature		Date	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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# FEE TRANSMITTAL

## for FY 2002

Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 105

### Complete if Known

Application Number 10/005,085  
Filing Date December 4, 2001  
First Named Inventor Mulligan  
Examiner Name Unassigned  
Group / Art Unit 1732  
Attorney Docket No. 003248.00045

### METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number

19-0733

Deposit Account Name

Banner & Witcoff, Ltd.

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Fee Code	Entity (\$)	Small Fee Code	Entity (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1)

(\$ 0)

#### 2. EXTRA CLAIM FEES

Total Claims  - \*\* =  X  =   
Independent Claims  - \*\* =  X  =   
Multiple Dependent  X  =

Large Fee Code	Entity (\$)	Small Fee Code	Entity (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$ 0)

\*\*or number previously paid, if greater; For Reissues, see above

### 3. ADDITIONAL FEES

Fee Code	Large Entity (\$)	Fee Code	Small Entity (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	65
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17 (q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 105)

### SUBMITTED BY

### Complete (if applicable)

Name (Print/Type)	Julie B. Ackerman	Registration No. Attorney/Agent)	50,867	Telephone	312-715-1000
Signature				Date	March 22, 2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
Attorney Docket No. 003248.00045

In re U.S. Patent Application of:	)	
	)	
MULLIGAN, Anthony C., et al.	)	
	)	Examiner: Unassigned
Application No. 10/005,085	)	
	)	Art Unit: 1732
Filed: December 4, 2001	)	
	)	
For: MULTI-FUNCTIONAL COMPOSITE	)	
STRUCTURES	)	

**RESPONSE TO NOTICE TO FILE**  
**MISSING PARTS OF NON-PROVISIONAL APPLICATION**


Box Missing Parts  
Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

In response to the Notice to File Missing Parts of Non-Provisional Application mailed January 24, 2002, the Applicants hereby submit the enclosed Joint Declaration For Patent Application. A copy of the PTO Notice is also enclosed. Additionally, the fee of \$65.00 is to be charged to Deposit Account No. 19-0733.

Respectfully submitted

Dated: March 22, 2002

  
Julie B. Ackerman  
Registration No. 50,867  
BANNER & WITCOFF, LTD.  
10 South Wacker Drive  
Suite 3000  
Chicago, Illinois 60606  
Telephone: 312-715-1000  
Facsimile: 312-715-1234



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CERTIFICATE OF EXPRESS MAIL  
(PATENT)

Attorney Docket No. 03248.00045

Express Mail No. EV 028366046 US  
Deposited March 22, 2002

I hereby certify that the attached correspondence, identified below, is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" under §37 CFR 1.10 on the date indicated above and is addressed to Assistant Commissioner for Patents, Washington, DC 20231.

By: 

Mulligan, et al., U.S. Patent Application No. 10/005,085 for "MULTI-FUNCTIONAL COMPOSITE STRUCTURES"

- Transmittal Form (in duplicate)
- Fee Transmittal (in duplicate)
- Substitute ADS
- Response to Notice to File Missing Parts (1 page)
- Copy of Notice to File Missing Parts (1 page)
- Executed Declaration and Power of Attorney (6 pages)
- Recordation Coversheet (1 page)
- Assignment (7 pages)
- Return Receipt Postcard